Rev (8-10)

State of West Virginia

DATE: 10/31/11 API#: 47-051-01320

Department of Environmental Protection Office of Oil and Gas

Well Operator's Report of Well Work

Farm name:	Whipkey			Operator	Well No.:	1H			
LOCATION: Elevation:				Quadrang	de:	Cameron			
· ·	Cameron			County:	•	Marshall			
				·					
Lattitude: _	<u>400</u> Fe	et South of <u>39</u>	Deg. <u>52</u>	Min	<u>30</u> Sec.				
Longitude:	7,570	Feet West of 80	Deg	32_ Min.	30_ Sec.	ì			
					Casing	Used in	ļ		
Company: TRANS ENER	CA INC				Tubing Diameter	Drilling	Left in Well	Cement Fili	
Address: P.O. Box 3				•	13 3/8 ⁰	419'	419'	Surface	
St. Marys, \					9 5/8"	2561'	2561'	Surface	
Agent:	20270	Loren E. Bagley			5 1/2"	10,684'	10,684'	4,700	
Inspector:		Bill Hendershot				10,000	13,33	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Date Permit Issued:		10/9/2009							
Date Well Work Comme	nced:	11/17/2009			 				<u> </u>
Date Well Work Comple		4/7/2010			<u> </u>				
Verbal Plugging:		N/A							
Date Permission Grante	d On:	N/A			·	<u> </u>			
Drill Type: X_R		Cable	Rig			FA P	·APII/P	Ph.	
Total Vertical Dept (ft.):	-	7,010					CEIVE		
Total Measured Depth (10,684				Office	of Oil 8	Gas	
s coal being mined in a	•	•	1						
•	Coal Depth	ıs (ft.): 1,0	03	1		MA	R 1.8 ?01	13	
Void(s) Encountered (N	Y)?: N	Depth:	N/A	-					
	•	·			•	WV De	epartme	ent of	
			OPEN FLO	W DATA	Fr	vironm			\n
1ST PRODUCING FORM	ATION:	MAI	RCELLUS		PAY ZONE D	EPTH (FT.):	مخد د تحد یث	7,025	74.4
GAS:				OIL:	-			•	
INITIAL OPEN FLOW:	2,50	D MCF/d		INITIALO	PEN FLOW:	1.70	Bbl/d	j	
FINAL OPEN FLOW:		MCF/d		FINAL OP	EN FLOW:		Bbl/d		
TIME OF OPEN FLO	W BETWEE	N INITIAL AND FINA	L TESTS:		HOURS	1			
Static Rock Pressure:	3,400	psig (surface press	ure) after		HOURS	_			
					-				
2ND PRODUCING FORM	ATION:				PAY ZONE D	EPTH (FT.):	<u></u>		
GAS:				<u>OIL:</u>				7	
INITIAL OPEN FLOW:		MCF/d			PEN FLOW:		Bbl/d		
FINAL OPEN FLOW:		MCF/d		FINAL OP	EN FLOW:		Bbl/d	j	
	W BETWEE	N INITIAL AND FINA		ļ	HOURS	4			
Static Rock Pressure:		psig (surface press	ure) atter	<u> </u>	HOURS	_			
				£ •10-				hia daa	
I certify under penaly of									
and all the attachments				ni signoivic	imediately re	shousible 10	n onranning	mis imorm	auvii, i
believe that the informa		e, accurate and com : TRANS ENERGY, IN		•					
comp	arry Narrie:	. INAINS ENERGY, IN	7/ /	1					
	Signature	W. Fl	Moth	<u>^</u>					
	-	William F. Woodby	urn						
1401116	Date	. /n./							

WELL NAME: WHIPKEY 1H

API#: 47-051-01320

51-01320

Were core sample	s taken? Ye	25
------------------	-------------	----

No <u>X</u>

Were cuttings caught during drilling? Yes X No

Were logs recorded on this well? Yes X No

Ĺ	X	J
Γ		7
ŀ		┥
1		- 1

Electrical Mechanical Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals. Fracturing or Stimulating:

remotated intervals, mactaring	<u> </u>	
TOTAL WATER: 99,434 BBL; TO	OTAL SAND: 4,927,260 LB	
10,480 x 10,641	35 Holes	
10,277 x 10,416	35 Holes	
10,218 x 10,041	35 Holes	
9,820 x 10,008	37 Holes	
9,580 x 9,750	37 Holes	RECEIVED
9,351 x 9,542	37 Holes	Office of Oil & Gas
9,055 x 9,264	37 Holes	•
8,785 x 8,996	37 Holes	MAR 1.8 2013
8,501 x 8,708	37 Holes	0 .010
8,238 x 8,452	37 Holes	WV Department of
7,933 x 8,155	37 Holes	Environment of
7,572 x 7,840	36 Holes	Environmental Protection
		•

FORMATION	TOP	воттом	
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		2565'	
Gordon	*2744'	*2762'	*Taken from the Whipkey 2H Pilot hole legs.
Upper Devonian Shale	*2792'	6772'	TVD Depth from MWD Gamma Ray
Middlesex	6772'	68521	
Burket Shale	6852'	6902'	
Tully Limestone	6902'	6935'	
Upper Hamilton Group	6935'	7025'	
Marcellus Shale	7025'	Not Penetrated	
Onondaga Limestone	Not Penetrated		
		a a a a a a a a a a a a a a a a a a a	

State of West Virginia Department of Environmental Protection

DATE: <u>10/31/11</u> API#: <u>47-051-01321</u>

Office of Oil and Gas Well Operator's Report of Well Work

Farm name: Whipkey
LOCATION: Elevation: 1.474
District: Cameron

Operator Well No.: <u>2H</u>
Quadrangle: <u>Cameron</u>
County: <u>Marshall</u>

Lattitude: <u>430</u> Feet South of <u>39</u> Deg. <u>52</u> Min. <u>30</u> Sec. Longitude: <u>7,570</u> Feet West of <u>80</u> Deg. <u>32</u> Min. <u>30</u> Sec.

Company:	TRANS ENERGY, I	NC.		Casing Tubing Diamete	Used in Drilling	Left in Well	Cement Fil
Address:	P. O. Box 393			20 ^{ti}	50'	50'	Surface
. children suiters	St. Marys, WV 2	6170		13 3/8'		400'	Surface
Agent:		Loren Bagley		9 5/8°		2,550'	Surface
Inspector:	<u>'</u>	Bill Hendersh	ot	5 1/2"	11,210'	11,210	4,700
•	nit Issued:	10/9/2009					
Date Well	Work Commenced	• •					
	Work Completed:	2/12/2010					
Verbal Plu	gging:	N/A					
	nission Granted On:	N/A		-	-		
Drill Type:	_X_Rotary	Cable	Rlg		REC	CEIVED)
Total Vert	ical Dept (ft.):	7	,083		Office	of Oil &	Gas
Total Mea	sured Depth (ft.):	1:	l,215		Onice (0.00
ls coal bei	ng mined in area (N	I/Y)?	Y	_	MAD	1 8 2013	
	Coal [Depths (ft.):	1,003	•	MAN	T O COIS	
Void(s) En	countered (N/Y)?:	N Depth:	N/A	_	1404D-		nt of
					MA DE	partme	iii Ui
				OW DATA	nvironmo	e <u>ntal Pro</u>	otecuo
1ST PROD	UCING FORMATION	l:	MARCELLUS	PAY ZONE	DEPTH (FT.):	<u></u>	7,042
<u>GAS;</u>				OIL:	<u></u>		7
	PEN FLOW:	5,600 MCF/		INITIAL OPEN FLOW	: 7.60	Bbl/d	
FINAL OPE		MCF/		FINAL OPEN FLOW:		Bbl/d	j
		WEEN INITIAL AND		HOURS			
Static Roc	k Pressure:	3,700 psig (surface p	ressure) after	HOURS			
2ND PROD	DUCING FORMATIO	N: [PAY ZONE	DEPTH (FT.):		
GAS:	•			OIL:			
	PEN FLOW:	MCF/	'd	INITIAL OPEN FLOW	: [Bbl/d	1
	N FLOW:	MCF/		FINAL OPEN FLOW:		Bbi/d	1
FINAL UP							-
	OF OPEN FLOW BE	TWEEN INITIAL AND	FINAL TESTS:	HOURS			

I certify under penaly of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

	TRANS/ENERGY, INC
	He ploode
Name (Prințed) :	William F. Woodburn
Date:	10/31/11

TRANS ENERGY INC.

WELL NAME: WHIPKEY 2H

API#: 47-051-01321

51-01321

Were core samples taken? Yes No X	Were cuttings caught during drilling?	Yes <u>X</u> No	· · · · · · · · · · · · · · · · · · ·
Were logs recorded on this well? Y/N Y	X Electrical		
	Mechanical Mechanical		
	Geophysical		

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

TOTAL WATER: 139,718 BBL:	TOTAL SAND: 6,995,137 LB	
10,943 x 11,073	18 HOLES	
10,756 x 10,895	38 HOLES	
10,576 x 10,702	35 HOLES	
10,386 x 10,522	37 HOLES	
10,206 x 10,329	39 HOLES	
9,990 x 10,150	38 HOLES	
9,752 x 9,939	38 HOLES	
9,560 x 9,700	31 HOLES	RECEIVED
9,200 x 9,469	38 HOLES	Office of Oil & Gas
9,050 x 9,237	38 HOLES	Office of Office Gas
8,796 x 9001	38 HOLES	MAR 1 8 2013
8,002 x 8,746	32 HOLES	WAN 10 ZUIS
8,280 x 8,501	38 HOLES	
8,026 x 8,231	38 HOLES	WV Department of
7,782 x 7,972	38 HOLES	Environmental Protection
7,446 x 7,711	35 HOLES	

FORMATION	ТОР	BOTTOM	
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		2608'	Tops from open hole survey in pilot hole.
Gordon	2744'	2762'	
Upper Devonian Shale	2762'	6771'	
Middlesex	6771'	6852'	
Burket Shale	6852'	6905	
Tuily Limestone	6905'	6936'	
Upper Hamilton Group	6936'	7042'	
Marcellus Shale	7042'	7092'	
Onondaga Umestone	7092'		

State of West Virginia Department of Environmental Protection Office of Oll and Gas Well Operator's Report of Well Work

DATE: <u>10/31/11</u> API#: <u>47-051-0133</u>

Farm name: Whipkey LOCATION: Elevation: 1.474'

District: Cameron

Operator Well No.: <u>3H</u>
Quadrangle: <u>Cameron</u>
County: <u>Marshall</u>

Lattitude: <u>460</u> Feet South of <u>39</u> Deg. <u>52</u> Min. <u>30</u> Sec. Longitude: <u>7,550</u> Feet West of <u>80</u> Deg. <u>32</u> Min. <u>30</u> Sec.

		Casing			
		Tubing	Used in	Lafter Wall	Cement Fili
Company: TRANS ENERGY, INC	<u>•</u>	Diameter	Drilling		
Address: P.O. Box 393		20 "	40 '	40'	Surface
St. Marys, WV 261		13"	1,113	1,113 '	Surface
Agent:	Loren Bagley	9 5/8 "	2,990 '	2,990 '	Surface
Inspector:	Bill Hendershot	5 1/2 "	11,210	11,210'	3,500
Date Permit Issued:	12/11/2009	<u> </u>			
Date Well Work Commenced:	5/4/2011				
Date Well Work Completed:	6/2/2011				
Verbal Plugging:	N/A	<u></u>	<u> </u>	<u> </u>	
Date Permission Granted On:	N/A		RECE	VED	
Drill Type: X_Rotary	CableRig	Off	ice of C		S
Total Vertical Dept (ft.):	7,038'	OI:	HOG OI C	,,, \(\(\) \(\) \(\)	
Total Measured Depth (ft.):	11,212'		MAR 1.8	2013	
Is coal being mined in area (N/Y	· · · · · · · · · · · · · · · · · · ·		IVIAIN I C	2013	
Coal De	pths (ft.): 1,003				. e
Void(s) Encountered (N/Y)?: N	Depth: N/A		V Depar		
		Enviro	nmenta	al Prote	ction
	OPEN FL	OW DATA			
1ST PRODUCING FORMATION:	MARCELLUS	PAY ZONE DI	EPTH (FT.):		7,045
<u>GAS:</u>		OIL:			•
INITIAL OPEN FLOW: 5,	100 MCF/d	INITIAL OPEN FLOW:	5.90	Bbl/d	
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:		Bbl/d	į
TIME OF OPEN FLOW BETV	VEEN INITIAL AND FINAL TESTS:	HOURS	1		
Static Rock Pressure:	psig (surface pressure) after	HOURS			
			=		
2ND PRODUCING FORMATION:		PAY ZONE D	EPTH (FT.):		
GAS:		OIL:			
INITIAL OPEN FLOW:	MCF/d	INITIAL OPEN FLOW:		Bbl/d]
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:		Bbi/d	
TIME OF OPEN FLOW BETV	VEEN INITIAL AND FINAL TESTS:	HOURS			
Static Rock Pressure: 3,656		HOURS	1		
1	· · · · · · · · · · · · · · · · · · ·				

I certify under penaly of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

Company Name: TRANSENERGY, INC	
Signature: W-/Nooth	
Signature:	
Name (Printed): William F. Woodburn/	
Date: 10/31/11	

WELL NAME: WHIPKEY 3H

API#: 47-051-01333

51-01333

Were core samples taken? Yes No X	Were cuttings caught during drilling?	Yes <u>X</u> No
Were logs recorded on this well? Y/N Y	X Electrical Mechanical Geophysical	

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

T CHOICE MCHADY Frecuently or outlinearing.
TOTAL WATER: 145,077 BBL TOTAL SAND: 6,572,758 LB
11,145 x 11,146 - 9 holes; 11,084 x 11,085 - 8 holes; 10,025 x 11,026 - 8 holes; 10,980 x 10,981 - 7 holes;
10,852 x 10,853 - 9 holes; 10,780 x 10,781 - 8 holes; 10,710 x 10,711 - 8 holes; 10,663 x 10,664 - 7 holes;
10,545 x 10,546 - 9 holes; 10,485 - 10,486 - 8 holes; 10,445 x 10,446 - 8 holes; 10,403 x 10,404 - 7 holes;
10,270 x 10,271 - 9 holes; 10,230 x 10,231 - 8 holes; 10,170 x 10,171 - 8 holes; 10,130 x 10,131 - 7 holes;
10,020 x 10,021 - 9 holes; 9,985 x 9,986 - 8 holes; 9,930 x 9,931 - 8 holes; 9,892 x 9893 - 7 holes;
9,770 x 9,771 - 9 holes; 9,725 x 9,726 - 8 holes; 9,685 x 9,686 - 8 holes; 9,650 x 9,651 - 7 holes;
9,487 x 9,488 - 9 holes; 9,445 x 9,446 - 8 holes; 9,391 x 9,392 - 8 holes; 9,355 x 9,396 - 7 holes;
9,235 x 9,236 - 9 holes; 9,190 x 9191 - 8 holes; 9,145 x 9,146 - 8 holes; 9,090 x 9091 - 7 holes; 9,045 x 9,046 - 7 holes;
8,955 x 8,956 - 9 holes; 8,903 x 8,904 - 8 holes; 8,859 - 8,860 - 8 holes; 8,822 x 8,823 - 7 holes;
8,710 x 8,711 - 9 holes; 8,655 x 8,656 - 8 holes; 8,610 x 8,611 - 8 holes; 8,560 x 8,561 - 7 holes; 8,510 x 8,511 - 7 holes;
8,420 x 8421 - 9 holes; 8,340 x 8,341 - 8 holes; 8,305 x 8,306 - 8 holes; 8,272 x 8,273 - 7 holes; 8,218 x 8,219 - 7 holes;
8,135 x 8,136 - 9 holes; 8,085 x 8,086 - 8 holes; 8,053 x 8,054 - 8 holes; 8,010 x 8,011 - 7 holes; 7,945 x 7,946 - 7 holes;
7,852 x 7,853 - 9 holes; 7,814 x 7,815 - 8 holes; 7,762 x 7,763 - 8 holes; 7,710 x 7,711 - 7 holes; 7,665 x 7,666 - 7 holes;
7,570 x 7,571 - 7 holes; 7,530 x 7,531 - 7 holes; 7,490 x 7,491 - 6 holes; 7,430 x 7,431 - 6 holes; 7,370 x 7,371 - 6 holes;
7,310 x 7,311 - 5 holes.

FORMATION ENCOUNTERED	TOP DEPTH (FT.)	BOTTOM DEPTH (FT.)	NOTES
Surface Casing	DEI 111 (1 1.)	2900'	NOILS
Gordon	*2744'	*2762'	*Taken from the Whipkey 2H Pilot hole logs on same pad.
Upper Devonian Shale	*2762'	6778'	TVD Depth from MWD Gamma Ray
Middlesex	6778'	6856'	
Burket Shale	6856'	6911'	
Tully Limestone	6911'	6938'	RECEIVED
Upper Hamilton Group	6938'	7045'	Office of Oil & Gas
Marcellus Shale	7045'	Not Penetrated	
Onondaga Limestone	Not Penetrated	Not Penetrated	MAR 1-8 2013
the state of the s			W/V Department of
			The protection
			

State of West Virginia **Department of Environmental Protection**

Office of Oil and Gas Well Operator's Report of Well Work

Farm	name:	
Farm	name:	

Stout

Operator Well No.:

2H

LOCATION: Elevation: 1,204'

Quadrangle:

Cameron

District: Cameron

County:

Marshall

	•				
Lattitude: 3.310	Feet South of 39 Deg.	52 Min. 30 Sec			
		2 Min. 30 Sec.	~		
		Casing	1		
	_	Tubing	Used in		
Company: TRANS ENERGY, IN	<u>C.</u>	Diameter	Drilling	Left in Weil	Cement Fil
Address: P.O. Box 393		20°	40'	40°	Surface
St. Marys, WV 26		13 3/8"	759'	759'	Surface
Agent:	Loren Bagley	9 5/8"	2,989'	2,9891	Surface
Inspector:	Bill Hendershot	5 1/2"	11250'	11250'	4,500
Date Permit Issued:	6/10/2010				
Date Well Work Commenced:	8/21/2010				
Date Well Work Completed:	9/24/2010				
Verbal Plugging:	N/A			1	<u> </u>
Date Permission Granted On:	N/A				
Drill Type: X_Rotary	CableRig	ı	RECEIV	En	
Total Vertical Dept (ft.):					
Total Measured Depth (ft.):	11,250	One	ce of Oil	's Gas	
Is coal being mined in area (N/	Y)? Y				
Coai D	epths (ft.): 719		MAR 187	013	
Void(s) Encountered (N/Y)?:	N Depth:				
		WV	Departn	nent of	
	OPEN FL				on
1ST PRODUCING FORMATION:	MARCELLUS	DW DATA Environ PAY 20NE D	(유)	TOLOGII	6,807
GAS:		OIL:			
INITIAL OPEN FLOW:	6,900 MCF/d	INITIAL OPEN FLOW:	2.70	Bbl/d]
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:		Bbl/d	1
TIME OF OPEN FLOW BET	WEEN INITIAL AND FINAL TESTS:	HOURS		•	•
Static Rock Pressure: 4,10	psig (surface pressure) after	HOURS	7		
\	•		-		
2ND PRODUCING FORMATION	: .	PAY ZONE D	EPTH (FT.):		-
GAS:		OIL:	•		
INITIAL OPEN FLOW:	MCF/d	INITIAL OPEN FLOW:		Bbl/d	1
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:		Bbl/d	
TIME OF OPEN FLOW BET	WEEN INITIAL AND FINAL TESTS:	HOURS			

I certify under penaly of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

HOURS

Company Name: TRANSÆNERGY, INC

Signature: _

Name (Printed): William F. Woodburn
Date: /// 3////

psig (surface pressure) after

TRANS ENERGY INC.

Static Rock Pressure:

1

WELL NAME: STOUT 2H

API#: 47-051-01352

51.01352

Were core samples taken? Yes	No X	Were cuttings caught during drilling?	Yes_X_ No
Were logs recorded on this well?	Y/N N	X Electrical Mechanical Geophysical	

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

TOTAL WATER, 427 040 RRI. TOTAL CAND. F C22 740 LR	
TOTAL WATER: 127,819 BBL; TOTAL SAND: 5,622,749 LB	
11,010 x 11,202 - 35 holes;	
10,700 x 10,932 - 35 holes;	
10,344 x 10,644 - 35 holes;	
10,001 x 10,269 - 35 holes;	
9,634 x 9,928 - 35 holes;	
9,248 x 9,458 - 35 holes;	
8,846 x 9,142 - 35 holes;	
8,480 x 8,743 - 35 holes;	
8,080 x 8,481 - 35 holes;	RECEIVED
7,630 x 7,981 - 35 holes;	NECEIVED
7,230 x 7,546 - 35 holes.	Office of Oil & Gas
	MAR 1 8 2013

WV Department of

FORMATION	TOP	BOTTOM	Environmental Protection
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		2990'	
Gordon	NOT LOGGED	NOT LOGGED	
Upper Devonian Shale	NOT LOGGED	6520'	TVD Depth from MWD Gamma Ray
Middlesex	6520'	6604'	
Burket Shale	6604'	6666'	
Tully Limestone	6666'	6696'	
Upper Hamilton Group	6696'	6807'	
Marcellus Shale	6807'	Not Penetrated	
Onondaga Limestone	Not Penetrated		

State of West Virginia **Department of Environmental Protection** Office of Oil and Gas

DATE: 10/31/11 API#: 47-051-01370

Well Operator's Report of Well Work

arm name:	Keaton			Operator V	Vell No.:	1H			
LOCATION: Elevation:	<u>1,272'</u>			Quadrangle	2:	Cameron			
District:	Cameron			County:		Marshail			
		et South of <u>39</u> Deg							
Longitude	: <u>7,570</u>	Feet West of 80 D	eg	<u>32</u> Min.	<u>30</u> Sec.				
				ı	Casing	Υ	1		
					Tubing	Used in			
Company: TRANS ENE	RGY, INC.				Diameter	Drilling	Left in Well	Cement Fill	
Address: P.O. Box	393				20"	50'	50'	Surface	
St. Marys,	WV 26170				13 3/8"	970'	970'	Surface	
Agent:		Loren Bagley			9 5/8"	2,997'	2,997'	Surface	
nspector:		Bill Hendershot			5.5"	11,901'	11,901'	4,700	
Date Permit Issued:		7/7/2010							
Date Well Work Comm	enced:	11/7/2010							
Date Well Work Comp	leted:	12/25/2010							
Verbal Plugging:		N/A							
Date Permission Grant	ed On:	N/A		•			=		
Orill Type: X	Rotary	Cable	Rig			REC	EIVED		
Total Vertical Dept (ft.)):	6,932			(Office of			
Total Measured Depth	(ft.):	11,901			`	Onice O		200	
s coal being mined in	area (N/Y)?	Y		_		MAD.	L 8 2013		
	Coal Depth	ns (ft.): 839		}		WAIN .	r o cuis		
Void(s) Encountered (1	N/Y)?: N	Depth: N/A		_	,	ΔΛ / Dan	a who a a a	1 _£	
•						WV Dep			
		0	PEN FLO	OW DATA		ironmer	<u>Ital Pro</u>		· · · · · · · · · · · · · · · · · · ·
LST PRODUCING FORM	NATION:	MARCEL	LUS		PAY ZONE D	EPTH (FT.):		6,559	
GAS:				OIL:				1	
NITIAL OPEN FLOW:	7,00			INITIAL OP		15.20	Bbl/d		
FINAL OPEN FLOW:	<u> </u>	MCF/d		FINAL OPE		<u> </u>	Bbl/d		
		N INITIAL AND FINAL TE			HOURS	4			
Static Rock Pressure:	4,250	psig (surface pressure)	after	L	HOURS	_			
2ND PRODUCING FORI	MATIONI				PAY ZONE D	EDTU /ET \.			 1
	WIATION.			OIL:	PAI ZONE D	Lr 111 (1° 1.).	<u> </u>		
<u>GAS:</u> INITIAL OPEN FLOW:		MCF/d		INITIAL OP	EN ELOW.		Bbl/d	I	
FINAL OPEN FLOW:	-	MCF/d		FINAL OPE			Bbl/d		
	NA/ RETWEE	N INITIAL AND FINAL TE	:TC•		HOURS	<u> </u>		l	
Static Rock Pressure:	DETWEE	psig (surface pressure)			HOURS	1			
State Nock Flessure.	L	That Provides biscories	u1101	<u></u>		J			
certify under penaly (of law that I	have personally examine	ed and	am familiar :	with the info	rmation sub	mitted on t	his docume	ent and
		d on my inquiry of those							
		e, accurate and complete			• •		-		
		TRANS, ENERGY, INC							
	• • • • • • • • • • • • • • • • • • • •	11/1/1							
	Signature	- 18 11 1800	The.			•			
Nam	e (Printed) :	: William F. Woodburn							
	Date	: <u>10/31/11</u>							

WELL NAME: Keaton 1H

API#: 47-051-01370

51-01370

Were core samples taken? Yes	No <u>X</u>	Were cuttings caught during drilling? Yes X No
Were logs recorded on this well? Y/N	I Y	X Electrical Mechanical Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

1 Citoracca interioral) 1 raccaining of communication.
TOTAL WATER: 135,019 BBL; TOTAL SAND: 6,187,149 LB.
11,852 x 11,621 - 41 holes; 11, 244 x 11,524 - 41 holes; 10,875 x 11,161 - 41 holes; 10,480 x 10,770 - 41 holes;
10,380 x 10,381 - 41 holes; 10,300 x 10,301 - 41 holes; 10,225 x 10,226 - 41 holes; 10,143 x 10,144 - 41 holes;
10,050 x 10,051 - 41 holes; 9,950 x 9,951 - 41 holes; 9,872 x 9,872 - 41 holes; 9,790 x 9,791 - 41 holes;
9,717 x 9,718 - 41 holes; 9,637 x 9,638 - 41 holes; 9,540 x 9,541 - 41 holes; 9,460 x 9,461 - 41 holes;
9,380 x 9,381 - 41 holes; 9,316 x 9,317 - 41 holes; 9,242 x 9,243 - 41 holes; 9,140 x 9,142 - 41 holes;
9,060 x 9,061 - 41 holes; 8,984 x 8,985 - 41 holes; 8,910 x 8,911 - 41 holes; 8,806 x 8,807 - 41 holes;
8,720 x 8,721 - 41 holes; 8,640 x 8,641 - 41 holes; 8,555 x 8,556 - 41 holes; 8,480 x 8,481 - 41 holes;
8,406 x 8,407 - 41 holes; 8,323 x 8,324 - 41 holes; 8,265 x 8,266 - 41 holes; 8,190 x 8,191 - 41 holes;
8,135 x 8,136 - 41 holes; 8,050 x 8,051 - 41 holes; 7,950 x 7,951 - 41 holes; 7,855 x 7,856 - 41 holes;
7,770 x 7,771 - 41 holes; 7,700 x 7,701 - 41 holes; 7,613 x 7,014 - 41 holes; 7,202 x 7,358 - 41 holes.
DECEMEN
TILCHIVED.
Office of Oll & Gas
MAR 1 8 2013
WV Department of
<u> </u>

Environmental Protection

FORMATION	TOP	BOTTOM	
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		2991'	
Gordon	NOT LOGGED	NOT LOGGED	
Upper Devonian Shale	NOT LOGGED	6589'	TVD Depth from MWD Gamma Ray
Middlesex	6589'	6669'	
Burket Shale	6669'	6726'	
Tully Limestone	6726'	6753'	
Upper Hamilton Group	6753'	6559'	
Marcellus Shale	6559'	6910'	
Onondaga Limestone	6910'	•	
The second secon		·	
	•		

State of West Virginia Department of Environmental Protection Office of Oil and Gas

DATE: 10/31/11

Well Operator's Report of Well Work

Farm name: Grove	s	Operator Well No.:	1H		
LOCATION: Elevation: 1416'		Quadrangle:	Cameron		
District: Webs	ter	County:	Marshall		
Lattitude: <u>13,37</u>	<u>10</u> Feet South of <u>39</u> Deg.	55Min00\$6	€C.		
Longitude: 2,6	BO_Feet West of <u>80</u> Deg	<u>35</u> Min. <u>00</u> Sec	•		
		Coolera			
		Casing Tubing	Used in		
Company: TRANS ENERGY, IN	C.	Diameter	Drilling	Left in Well	Cement Fill
Address: P. O. Box 393	=	20 ⁿ	50'	50'	
St. Marys, WV 26	170	13 3/8 "	1078'	1078'	
Agent:	Loren Bagley	95/8"	3035'	3035'	
Inspector:	Bill Hendershot	5.5"	12485'	12485'	
Date Permit Issued:	7/7/2010		12700	12700	
Date Well Work Commenced:	9/27/2010				
Date Well Work Completed:					
•	10/30/2010				
Verbal Plugging:	N/A			J	
Date Permission Granted On:	N/A	_	ECEIVE	D	
Drill Type: X Rotary	CableRi	S _	e of Oil 8		
Total Vertical Dept (ft.):	7,019	Onc		x Cas	
Total Measured Depth (ft.):	12,490	W	AR 1 8 20	10	
Is coal being mined in area (N/			AK I & ZU	13	
	epths (ft.): 967				
Void(s) Encountered (N/Y)?: I	N Depth: N/A	WV [Departm(ent of	
		Environr			n
		LOW DATA			
1ST PRODUCING FORMATION:	MARCELLUS		EPTH (FT.):		6,940
GAS:	700 MCF/d	OIL:	1 47.00	DEI/A	
	5,700 MCF/d	INITIAL OPEN FLOW:	17.20	Bbl/d	
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:	<u> </u>	Bbi/d	
	WEEN INITIAL AND FINAL TESTS:	HOURS	┥ ′		
Static Rock Pressure: 3	850 psig (surface pressure) after	HOURS	J		
2ND PRODUCING FORMATION		PAY ZONE D	EDTU /ET \.		
GAS:	· L	OIL:)L; iii (i i.j.		
INITIAL OPEN FLOW:	MCF/d	INITIAL OPEN FLOW:	<u> </u>	Bbl/d	1 1
FINAL OPEN FLOW:	MCF/d	FINAL OPEN FLOW:		Bbi/d	
	WEEN INITIAL AND FINAL TESTS:	HOURS	 	BDI/U	
Static Rock Pressure:		HOURS	┨		
Static rock Pressure:	psig (surface pressure) after	noons			
I certify under penaly of law th	at I have personally examined an	d am familiar with the info	ormation sub	mitted on t	his document
	nat, based on my inquiry of those				
believe that the information is			,		
	,				
Company Na	me: TRANS ENERGY. INC				
Company Na	me: TRANS ENERGY, INC	1			
Company Na	Le Elel 1				
Signat	Le Elel 1				

WELL NAME: GROVES 1H

API#: 47-051-01371

51-01371

Were core samples taken? Yes No X	Were cuttings caught during drilling?	Yes_X_ No
Were logs recorded on this well? Y/N Y	X Electrical Mechanical Geophysical	

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

Terrorated materials recording or commercially
TOTAL WATER: 180,660 BBL; TOTAL SAND: 4,516,877 LB
12,427 x 12,428 - 9 holes; 12,352 x 12,353 - 9 holes; 12,272 x 12,273 - 8 holes; 12,208 x 12,209 - 8 holes;
12,082 x 12083 - 9 holes; 12,017 x 12,018 - 9 holes; 11,943 x 11,944 - 8 holes; 11,860 x 11,861 - 8 holes;
11,790 x 11,791 - 7 holes; 11,700 x 11701 - 9 holes; 11,605 x 11,606 - 9 holes; 11,545 x 11,546 - 8 holes;
11,485 x 11,486 - 8 holes; 11,410 x 11,411 - 9 holes; 11,301 x 11,302 - 9 holes; 11,227 x 11,228 - 8 holes;
11,127 x 11,118 - 8 holes; 11,020 x 11,021 - 9 holes; 10,935 x 10,936 - 9 holes; 10,840 x 10,841 - 8 holes;
10,743 x 10,744 - 8 holes; 10,640 x 10,641 - 9 holes; 10,550 x 10,551 - 9 holes; 10,475 x 10,476 - 8 holes;
10,403 x 10,404 - 8 holes; 10,310 x 10,311 - 9 holes; 10,230 x 10,231 - 9 holes; 10,150 x 10,151 - 8 holes;
10,075 x 10076 - 8 holes; 9,970 x 9,971 - 9 holes; 9,885 x 9,886 - 9 holes; 9,820 x 9,821 - 8 holes; 9,750 x 9,751 - 8 holes;
9,685 x 9,686 - 7 holes; 9,585 x 9,586 - 9 holes; 9,510 x 9,511 - 9 holes; 9,445 x 9,446 - 8 holes; 9,379 x 9,380 - 8 holes;
9,290 x 9,291 - 9 holes; 9,220 x 9,221 - 9 holes; 9,160 x 9,161 - 8 holes; 9,083 x 9,084 - 8 holes; 9,000 x 9,001 - 7 holes;
8,910 x 8,911 - 9 holes; 8,797 x 8,798 - 9 holes; 8,740 x 8,741 - 8 holes; 8,645 x 8,646 - 8 holes; 8,548 x 8,549 - 9 holes;
8,460 x 8,461 - 9 holes; 8,400 x 8,401 - 8 holes; 8,360 x 8,361 - 8 holes; 8,285 x 8,286 - 7 holes; 8,180 x 8,181 - 9 holes;
8,115 x 8,116 - 9 holes; 8,050 x 8,051 - 8 holes; 7,960 x 7,961 - 8 holes; 7,901 x 7,902 - 7 holes; 7,795 x 7,796 - 9 holes;
7,730 x 7,731 - 9 holes; 7,662 x 7,663 - 8 holes; 7,591 x 7,592 - 8 holes; 7,510 x 7,511 - 7 holes; 7,413 x 7,414 - 8 holes;
7,353 x 7,354 - 8 holes; 7,280 x 7,281 - 7 holes; 7,212 x 7,213 - 7 holes; 7,102 x 7,103 - 6 holes;

FORMATION	ТОР	BOTTOM	
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		3035'	
Gordon	Not Logged	Not Logged	
Upper Devonian Shale	Not Logged	6671'	TDV Depts from MWD Gamma Ray
Middlesex	6671'	6747¹	
Burket Shale	6747'	6800'	
Tully Limestone	6800'	6830'	
Upper Hamilton Group	6830'	6940'	RECEIVED
Marcellus Shale	6940'	Not Penetrated	ffice of Oil % Gas
Onondaga Limestone	Not Penetrated	Not Penetrated	IIICE DI OII 3 GAS
			MAR 1-8 2013
		V	W Department of
		Envir	romonie Protection

State of West Virginia **Department of Environmental Protection**

DATE: 10/31/11 API#: 47-051-01382

Left in Well Cement Fill

Surface

Surface

Surface

Surface

Surface

80

1.000

1,291

2,992

11.268

Office of Oil and Gas Well Operator's Report of Well Work

Farm	name:

Lucey

Operator Well No.:

Casing

Tubing

Diameter

26"

16ⁿ

13 3/8^u

9 5/8"

5 1/2"

1H

LOCATION: Elevation: 1296

Quadrangle:

Cameron

District: Cameron

County:

Marshall

Used in

Drilling

80'

1,000'

1291'

2992'

11268'

Lattitude: 9.150' Feet South of 39 Deg. _ 52 Min. Longitude: 14,160 Feet West of 80 Deg. 32 Min.

Company: TRANS ENERGY, INC.

P.O. Box 393

Address:

St. Marys, WV 26170

Agent:

Loren Bagley

inspector:

Bill Hendershot

Date Permit Issued:

10/9/2009

Date Well Work Commenced:

1/5/2011

Date Well Work Completed:

2/16/2011

Verbal Plugging:

N/A N/A

Date Permission Granted On:

X Rotary

Cable

Rig

Drill Type:

Total Vertical Dept (ft.):

6,733

Total Measured Depth (ft.):

11,268

Is coal being mined in area (N/Y)?

Coal Depths (ft.):

Y 876

Void(s) Encountered (N/Y)?: N

Depth:

RECEIVED Office of Oil & Gas

MAR 1-8 2013

OPEN FLOW DATA

WV Department of **Environmental Protection**

LST PRODUCING FORMA	ATION:	MA	RCELLUS	PAY ZONE DE	PTH (FT.):		6,779	
GAS:	,			OIL:			ı	
NITIAL OPEN FLOW:	4,000) MCF/d		INITIAL OPEN FLOW:	25.60	Bbl/d		
FINAL OPEN FLOW:	- "	MCF/d		FINAL OPEN FLOW:		Bbl/d		
TIME OF OPEN FLO	W BETWEE	N INITIAL AND FIN	AL TESTS:	·· HOURS				
Static Rock Pressure:	3,500	psig (surface pres	sure) after	HOURS]			
'		•			•			
2ND PRODUCING FORM	ATION:			PAY ZONE DE	PTH (FT.):			
GAS:	_		_	OIL:			•	
INITIAL OPEN FLOW:		MCF/d		INITIAL OPEN FLOW:		Bbi/d		
FINAL OPEN FLOW:		MCF/d]	FINAL OPEN FLOW:		Bbl/d		
TIME OF OPEN FLO	W BETWEE	N INITIAL AND FIN	AL TESTS:	HOURS				
Static Rock Pressure:		psig (surface pres	sure) after	HOURS				
		•						

I certify under penaly of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

	TRANS ENERGY, INC	
Signature:	W. Moodin	
Name (Printed):	William F. Woodburn	
Date:	10/31/11	

51-01382

WELL NAME: LUCEY 1H

API#: 47-051-01382

Were core samples taken? Yes No X	Were cut	tings caught during drilling?	Yes <u>X</u> No
Were logs recorded on this well? Y/N Y	<u> </u>	_ Electrical _ Mechanical _ Geophysical	

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:	
TOTAL WATER: 132,918 BBL; TOTAL SAND: 5,985,530 LB	
10,921 X 11,222 - 40 holes; 10,843 x 10,844 - 41 holes; 10,788 x 10,789 - 41 holes; 10,719 x 10,720 - 41 holes;	
10,653 x 10,654 - 41 holes; 10,590 x 10,591 - 41 holes; 10,506 x 10,507 - 41 holes; 10,453 x 10,454 - 41 holes;	
10,375 x 10,376 - 41 holes; 10,336 x 10,337 - 41 holes; 10,270 x 10,271 - 41 holes; 10,171 x 10,172 - 41 holes;	
10,090 x 10,091 - 41 holes; 10,015 x 10,016 - 41 holes; 9,965 x 9,966 - 41 holes; 9,885 x 9,886 - 41 holes;	
9,780 x 9,781 - 38 holes; 9,730 x 9,731 - 38 holes; 9,730 x 9,731 - 38 holes; 9,588 x 9,589 - 38 holes;	
9,490 x 9,491 - 41 holes; 9,445 x 9,446 - 41holes; 9,360 x 9,361 - 41 holes; 9,290 x 9,291 - 41 holes;	
9,252 x 9,253 - 41 holes; 9,163 x 9,164 - 41 holes; 9,065 x 9,066 - 41 holes; 9,013 x 9,014 - 41 holes; Office of Oil & O	
8,960 x 8,961 - 41 holes; 8,905 x 8,906 - 41 holes; 8,810 x 8,811 - 41 holes; 8,745 x 8,746 - 41 holes;	85
8,675 x 8,676 - 41 holes; 8,600 x 8,601 - 41 holes; 8,558 x 8,559 - 41 holes; 8,464 x 8,465 - 41 holes;	
8,402 x 8,403 - 41 holes; 8,340 x 8,341 - 41 holes; 8,265 x 8,266 - 41 holes; 8,190 x 8,191 - 41 holes;	
8,110 x 8,111 - 41 holes; 8,020 x 8,021 - 41 holes; 7,955 x 7,956 - 41 holes; 7,870 x 7,871 - 41 holes;	
7,804 x 7,805 - 41 holes; 7,740 x 7,741 - 41 holes; 7,670 x 7,671 - 41 holes; 7,600 x 7,601 - 41 holes; VVV Department	of
7,510 x 7,511 - 41 holes; 7,455 x 7,456 - 41 holes; 7,388 x 7,389 - 37 holes; 7,310 x 7,311 - 37 holes; Environmental Prote	action
7,260 x 7,261 - 37 holes; 7,180 x 7,181 - 37 holes; 7,130 x 7,131 - 37 holes;	,UIIUI

FORMATION	ТОР	воттом	
ENCOUNTERED	DEPTH (FT.)	DEPTH (FT.)	NOTES
Surface Casing		2995'	
Ģordon	Not Logged	Not Logged	
Upper Devonian Shale	Not Logged	6542'	Depths from open hole pilot logs.
Middlesex	6532'	66051	
Burket Shale	6605'	6652'	
Tully Limestone	6652'	6680'	
Upper Hamilton Group	6680'	6779'	
Marcellus Shale	6779'	6830'	
Onondaga Limestone	6830'	-	

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WR-35 Rev (9-11)

Farm name: Enrout Properties, LLC

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

Operator Well No.: MIP 4H

DATE:	12/29/2011	
API#:	47-6101622	

District: Grant	County: Monor			
Latitude: 8280 Feet South of 39 Deg.				
Longitude 5090 Feet West of 79 Deg.	57 Min.	30 Sec.		
Company: Northeast Natural Energy LLC				
Address: 707 Virginia Street East, Suite 1400	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Charleston, WV 25301	20"	41'	41'	to surface
Agent: John D. Adams	13 3/8"	479'	479'	to surface
Inspector: Sam Ward	9 5/8"	1,558'	1,558'	to surface
Date Permit Issued: March 10, 2011	5 1/2"	11,452'	11,453'	to surface
Date Well Work Commenced: May 9, 2011				
Date Well Work Completed: July 4, 2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig V				
Total Vertical Depth (ft): 7,414				
Total Measured Depth (ft): 11,473				
Fresh Water Depth (ft.): 50, 450				
Salt Water Depth (ft.): NA				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 200, 225				
Void(s) encountered (N/Y) Depth(s)	i			
PEN FLOW DATA (If more than two producing formati Producing formation Marcellus Shale Pay	zone depth (ft)_	7,460	nta on separate	
Gas: Initial open flow 4,204 MCF/d Oil: Initial open flow		bl/d		RECEIVED
Final open flow 4,022 MCF/d Final open flow Time of open flow between initial and final tests	wBr 25 Hours	1/d	(Office of Oil & G
Static rock Pressure 2425 psig (surface pressure) a				MAR 2 1 2013
Second producing formation N/A Pay zo	one depth (ft) N//	<u> </u>		
Gas: Initial open flow N/A MCF/d Oil: Initial open	flow_N/AB	bl/d		WV Department
Final open flow N/A MCF/d Final open flo		ol/d	Enν	ironmental Prot
Time of open flow between initial and final tests N/A Static rock Pressure N/A psig (surface pressure) a		rs		

all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe

that the information is true, accurate, and complete.

Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X No
Were Electrical, Mechanical or Geophysical logs recorded on this	well? If yes, please list triple combo
NOTE: IN THE AREA BELOW PUT THE FOLLOW FRACTURING OR STIMULATING, PHYSICAL CHANGI DETAILED GEOLOGICAL RECORD OF THE TOPS A COAL ENCOUNTERED BY THE WELLBORE FROM SUI	E, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC AND BOTTOMS OF ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimulating:	
Stg 1: 11,093'-11,333'; 377,939 gal; 399,888 lbs; 80.6 bpm	Stg 7: 8,993'-9,273'; 376,007 gal; 400,695 lbs; 81.1 bpm
Stg 2: 10,743'-11,023'; 377,645 gal; 402,652 lbs; 81.1 bpm	Stg 8: 8,643'-8,923'; 375,671 gal; 404,725 lbs; 82.4 bpm
Stg 3: 10,393'-10,708'; 377,309 gal; 405,246 lbs; 80.5 bpm	Stg 9: 8,293'-8,573'; 375,377 gal; 406,282 lbs; 81.1 bpm
Stg 4: 10,043'-10,323'; 376,973 gal; 404,182 lbs; 80.9 bpm	Stg 10: 7,943'-8,223'; 374,999 gal; 402,038 lbs; 81.8 bpm
Stg 5: 9,693'-9,973'; 376,679 gal; 406,458 lbs; 80.0 bpm	Stg 11: 7,593'-7,873'; 374,705 gal; 421,676 lbs; 81.5 bpm
Stg 6: 9,343'-9,623'; 376,343 gal; 400,758 lbs; 81.2 bpm	
Plug Back Details Including Plug Type and Depth(s):	
Formations Encountered: Top Dep Surface:	th / Bottom Depth
Shale/Sand 0-1850 *Top from surface to	Balltown are from the mudlog
Gordon Stray 1850-1900	
Sand/Shale 1900-2200	
Gordon 2200-2250	RECEIVE
Sand/Shale 2250-2900	Office of Oil 8
Speechley 2900-3100	MAR 2 1 201
Sand/Shale 3100-3200	21 201
Balltown 3200-3400	WV Departme
Sand/shale 3400-4900	Environmental Pr
Shale 4900-7180	
	TD are from open hole log
Tully 7200-7300	
Hamilton 7300-7460	
Marcellus 7460-7560	
Onondaga 7560-TD	

WR-35 Rev (9-11)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	12/29/2011
API #:	47-061-01624

Farm name: Enrout Properties, LLC	Operator Well			<u></u>	
LOCATION: Elevation: 1,130'	Quadrangle:	forgantown South	1		
District: Grant	County: Mono				
Latitude: 8300 Feet South of 39 Deg.					
Longitude 5080 Feet West of 79 Deg.	57Min	Sec	••		
Company: Northeast Natural Energy, LLC					i
Address: 707 Virginia Street East, Suite 1400	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Charleston, WV 25301	20"	40'	40'	to surface	
Agent: John D. Adams	13 3/8"	481'	481'	to surface	:
Inspector: Sam Ward	9 5/8"	1,781'	1,781'	to surface	
Date Permit Issued: March 23, 2011	5.5"	10,240'	10,240'	to surface	
Date Well Work Commenced: July 7, 2011					l
Date Well Work Completed: August 10, 2011					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig 🗸				ECEIVED	
Total Vertical Depth (ft): 7,488	1		1	e of Oll &	L
Total Measured Depth (ft): 10,250	1		Onic	,e or on a	
Fresh Water Depth (ft.): 50' and 450	,			WAR 2 1 2013]
Salt Water Depth (ft.): NA					
Is coal being mined in area (N/Y)?			W	<u>Department</u>	nt of
Coal Depths (ft.): 200' and 225	'		Environ	mental Pro	ptection (
Void(s) encountered (N/Y) Depth(s) N					
OPEN FLOW DATA (If more than two producing formation Marcellus Shale Pay Gas: Initial open flow 2,234 MCF/d Oil: Initial open Final open flow 1,895 MCF/d Final open flo Time of open flow between initial and final tests Static rock Pressure 1900 psig (surface pressure) a	zone depth (ft) flow 0 E w 0 B 25 Hour	7,460 Bbl/d bl/d s	data on separate	sheet)	
Second producing formation N/A Pay z. Gas: Initial open flow N/A MCF/d Oil: Initial open Final open flow N/A MCF/d Final open flor Time of open flow between initial and final tests N/A Static rock Pressure N/A psig (surface pressure) a	N/A B	Bbl/d bl/d s			

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Signature

<u>|2|29|</u>11

Were core samples taken? YesNoX	Were cuttings caught during drilling? Yes_X_No
Were Electrical, Mechanical or Geophysical logs recorded on this	s well? If yes, please list
FRACTURING OR STIMULATING, PHYSICAL CHANG	WING: 1). DETAILS OF PERFORATED INTERVALS, E, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC AND BOTTOMS OF ALL FORMATIONS, INCLUDING IRFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
Stage 1: 9,935'-10,175'; 376,847 gal; 400,588 lbs; 81.9 bpm	Stage 6: 8,435'-8,675'; 375,461 gal; 403,447 lbs; 81.1 bpm
Stage 2: 9,635'-9,875'; 376,553 gal; 399,644 lbs; 81.9 bpm	Stage 7: 8,135'-8,375'; 375,167 gal; 406,061 lbs; 81.3 bpm
Stage 3: 9,335'-9,575'; 376,301 gal; 400,379 lbs; 80.6 bpm	Stage 8: 7,835'-8,075'; 374,915 gal; 401,413 lbs; 80.7 bpm
Stage 4: 9,035'-9,300'; 376,007 gal; 405,625 lbs; 81.4 bpm	
Stage 5: 8,735'-8,975'; 375,713 gal; 405,138 lbs; 82.5 bpm	
Plug Back Details Including Plug Type and Depth(s):	
Formations Encountered: Top Dep	pth / Bottom Depth
Shale/Sand 0-1850	
Gordon Stray 1850-1900	
Sand/Shale 1900-2200	
Gordon 2200-2250	RECEIVED
Sand/Shale 2250-2900	Office of Oil & Gas
Speechley 2900-3100	
Sand/Shale 3100-3200	MAR 21 2013
Balltown 3200-3400	WA/Fame
Sand/shale 3400-4900	WV Department of
Shale 4900-7180	Environmental Protection
Geneseo 7180-7200	
Tully 7200-7300	
Hamilton 7300-7460	
Marcellus 7460-7560	
Onondaga 7560-TD	

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WR-35 Rev (9-11)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	9-12-12	
API#:	47-93-00105	D

Farm name: Nine, Junior	Operator Wel	No.: Nine #1		
LOCATION: Elevation: 2223'	Quadrangle:	Saint George		
District: Saint George	_ County: Tucke	er		
Latitude: 14190 Feet South of 39 Deg	g. 15 Min	.00 Se	c.	
Longitude 9000 Feet West of 79 De	g. 37 Min	. <u>30</u> Se	c.	
Company: Saga Petroleum, LLC of Colorado				
Address: 600 17th Street, Suite 1700N	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, Colorado 80202	13.375"	40'	40'	Sanded
Agent: Paul Smith	9.625" j-55	170'	170'	122 SX
Inspector: Bryan Harris	7" j-55	1022'	1022'	150SX
Date Permit Issued: 5-14-2010	4.5 p-110		5554'	TOC 3220'
Date Well Work Commenced: 6-02-2010				
Date Well Work Completed: 7-30-2010				
Verbal Plugging:				
Date Permission granted on: 5-25-2010		RECE	VED	
Rotary Cable Rig		Affice of	0il Ջ Gas	
Total Vertical Depth (ft): 5554		11101-01		
Total Measured Depth (ft): 5554		MAR 1	\$ 2013	
Fresh Water Depth (ft.): None		1		
Salt Water Depth (ft.): None	<u> </u>	W Depa	artment of	
Is coal being mined in area (N/Y)? N	Env	ronmen	tal Protect	ion
Coal Depths (ft.): None				
Void(s) encountered (N/Y) Depth(s) N				
OPEN FLOW DATA (If more than two producing formation Lower Marcellus Shale Pay Gas: Initial open flow MCF/d Oil: Initial open flow 986 MCF/d Final open flow Time of open flow between initial and final tests 72 Static rock Pressure 1850 psig (surface pressure)	y zone depth (ft) 5 flow 0 Bb ow 0 Bb Hours	517-5528 ol/d l/d	ata on separate sh	eet)
Second producing formation Upper Marcellus Shale Pay 2				
Gas: Initial open flow 0 MCF/d Oil: Initial open Final open flow 144 MCF/d Final open flow		ol/d I/d		
Time of open flow between initial and final tests 72				
Static rock Pressure 1600 psig (surface pressure)	after 72 Hour	s		
I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those included that the information is true, accurate, and complete.				

9-12-2012 Date

Were core samples taken? Yes	No_X	Were cuttings caught during drilling? Yes X No
Were Electrical, Mechanical or Ge	ophysical logs record	ded on this well? If yes, please list Electrical
FRACTURING OR STIMULA' DETAILED GEOLOGICAL F	TING, PHYSICAL RECORD OF THE	FOLLOWING: 1). DETAILS OF PERFORATED INTE CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTE TOPS AND BOTTOMS OF ALL FORMATIONS, INCI ROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or		
		Broke down with 1000 gals. 15% HCL, slick water frac
	,	515 sx 40/70 mesh sand, avg rate 64 BPM.
5406-5448 w/70 holes, Brok	ce down with 100	0 gals. 15% HCL acid, slick water fraced with 17,41
2,050 sx 80/100 mesh sand,	2,080 sx 40/70 r	mesh sand, 1,130 sx 30/50 mesh sand, avg rate 65 l
•		
Formations Encountered:		Top Depth / Bottom Deptl
Formations Encountered: Surface:		Top Depth / Bottom Deptl RECEIVED Office of Oil & Gas
	0-450	RECEIVED Office of Oil & Gas
Surface:	0-450 450-467	RECEIVED
Surface: Siltstone		PECEIVED Office of Oil & Gas MAR 1 8 2013
Siltstone Benson Sandstone	450-467	PECEIVED Office of Oil & Gas MAR 1.8 2013 WV Department of
Siltstone Benson Sandstone Siltstone/Shale	450-467 467-1102	PECEIVED Office of Oil & Gas MAR 1 8 2013
Siltstone Benson Sandstone Siltstone/Shale Alexander Sands	450-467 467-1102 1102-1292	PECEIVED Office of Oil & Gas MAR 1.8 2013 WV Department of
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation	450-467 467-1102 1102-1292 1292-1750	PECEIVED Office of Oil & Gas MAR 1.8 2013 WV Department of
Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation	450-467 467-1102 1102-1292 1292-1750 1750-2100	PECEIVED Office of Oil & Gas MAR 1.8 2013 WV Department of
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619	PECEIVED Office of Oil & Gas MAR 1 8 2013 WV Department of
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation Elk Sand	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619 3619-3750	PECEIVED Office of Oil & Gas MAR 1 8 2013 WV Department of Environmental Protection
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation Elk Sand Grey Shale	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619 3619-3750 3750-4568	PECEIVED Office of Oil & Gas MAR 1 8 2013 WV Department of Environmental Protection
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation Elk Sand Grey Shale Harrell Shale	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619 3619-3750 3750-4568 4568-4608	Office of Oil & Gas MAR 1.8 2013 WV Department of Environmental Protection
Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation Elk Sand Grey Shale Harrell Shale Tulley Limestone	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619 3619-3750 3750-4568 4568-4608 4608-4642	PECEIVED Office of Oil & Gas MAR 1 8 2013 WV Department of Environmental Protection
Surface: Siltstone Benson Sandstone Siltstone/Shale Alexander Sands Greenland Gap formation Sherr formation Braillier formation Elk Sand Grey Shale Harrell Shale Tulley Limestone Mahantango formation	450-467 467-1102 1102-1292 1292-1750 1750-2100 2100-3619 3619-3750 3750-4568 4568-4608 4608-4642 4642-5187	PECEIVED Office of Oil & Gas MAR 1 8 2013 WV Department of Environmental Protection